

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Applicant and Assignee:
Address of Applicant and Assignee:

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**REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, Sun Microsystems, Inc., the applicant and assignee of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 32615

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

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Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the sixteen patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:

Melissa Haapala

Dated:

7/2/2008

Name:

Melissa Haapala

Title:

Senior Counsel

Sun Microsystems, Inc.

APPENDIX A

1. **Patent Application/Serial No.:** 10/767,507
Title: MULTI-SERVER TIMER SYSTEM FOR
COMPUTING ENVIRONMENTS
REQUIRING MULTIPLE TIME-OUTS
Filed: 1/28/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014946/0559
Reference No: SUN030161-US-NP
2. **Patent Application/Serial No.:** 10/698,212
Title: METHODS AND APPARATUS FOR
COORDINATING PROCESSING OF
NETWORKS CONNECTIONS
BETWEEN TWO NETWORK
PROTOCOL STACKS
Filed: 10/31/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014659/0265
Reference No: SUN040284-US-NP
3. **Patent Application/Serial No.:** 09/205,326
Title: A METHOD, APPARATUS, SYSTEM &
PROGRAM PRODUCT FOR THIN-
CLASSES IN A CLIENT-SERVER
ENVIRONMENT
Filed: 12/04/1998
Applicant: Sun Microsystems, Inc.
Reference No: SUN1P352X1/P2761CIP

4. **Patent Application/Serial No.:** 10/888,521
- Title:** METHODS AND APPARATUS FOR DYNAMICALLY SWITCHING BETWEEN POLLING AND INTERRUPT MODE FOR A RING BUFFER OF A NETWORK INTERFACE CARD
- Filed:** 7/9/2004
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 015899/0633
- Reference No:** SUN041057-US-NP
5. **Patent Application/Serial No.:** 10/888,972
- Title:** METHODS AND APPARATUS FOR DRIVING A HIGH BANDWIDTH NETWORK INTERFACE CADE WITH A SINGLE INTERRUPT SOURCE
- Filed:** 7/9/2004
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 15900/0149
- Reference No:** SUN041394-US-NP
6. **Patent Application/Serial No.:** 10/885,999
- Title:** COMPUTER ARCHITECTURE AND PROCESS FOR IMPLEMENTING A VIRTUAL VERTICAL PERIMETER FRAMEWORK FOR AN OVERLOADED CPU HAVING MULTIPLE NETWORK INTERFACES
- Filed:** 7/6/2004
- Applicant:** Sun Microsystems, Inc.
- Reel/Frame No.:** 015846/0036
- Reference No:** SUN041059-US-NP

7. Patent Application/Serial No.: 11/011,076

Title: SYSTEM AND METHOD FOR
CONDUCTING DIRECT DATA
PLACEMENT (DDP) USING A TOE
(TCP OFFLOAD ENGINE) CAPABLE
NETWORK INTERFACE CARD

Filed: 12/14/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 016081/0370

Reference No: SUN040656-US-NP

8. Patent Application/Serial No.: 10/767,506

Title: ESTABLISHING CONNECTIONS IN
COMPUTER NETWORK

Filed: 1/28/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014946/0548

Reference No: SUN030153-US-NP

9. Patent Application/Serial No.: 12/016,132

Title: SCHEDULING THREADS ON
PROCESSORS

Filed: 1/17/2008

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 020379/0842

Reference No: SUN070466-US-NP

10. **Patent Application/Serial No.:** 11/833,907
Title: SCALABLE RESOURCE ALLOCATION
Filed: 8/3/2007
Applicant: Sun Microsystems, Inc.
Reference No: SUN070342
11. **Patent Application/Serial No.:** 11/670,412
Title: PARTITIONABLE ACCOUNTING OF MEMORY UTILIZATION
Filed: 2/1/2007
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 018874/0470
Reference No: SUN070037
12. **Patent Application/Serial No.:** 10/698,211
Title: METHODS AND APPARATUS FOR DYNAMICALLY SWITCHING BETWEEN POLLING AND INTERRUPT TO HANDLE NETWORK TRAFFIC
Filed: 10/31/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016055/0305
Reference No: SUN040338-US-NP

13. Patent Application/Serial No.: 11/952,037

Title: HARDWARE UTILIZATION-AWARE
THREAD MANAGEMENT IN
MULTITHREADED COMPUTER
SYSTEMS

Filed: 12/6/2007

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 020591/8720

Reference No: SUN070402

14. Patent Application/Serial No.: 11/777,184

Title: LOCALITY AND TIME BASED
DEPENDENCY RELATIONSHIPS IN
CLUSTERS

Filed: 7/12/2007

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 019692/0446

Reference No: SUN061207

15. Patent Application/Serial No.: 11/286,085

Title: DYNAMIC POWER MANAGEMENT
FOR I/O RESOURCE POOLS

Filed: 11/22/2005

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017265/0249

Reference No: SUN051056-US-NP

16. Patent Application/Serial No.: 10/698,688

Title: METHODS AND APPARATUS FOR
RECOVERING FROM A FAILED
NETWORK INTERFACE CARD

Filed: 10/31/2003

Applicant: Sun Microsystems, Inc.

Reference No: SUN040319

17. Patent Application/Serial No.: 9/981,612

Title: CIM TO SNMP DATA MAPPER

Filed: 10/16/2001

Applicant: Sun Microsystems, Inc.

Reference No: SUN1P437/P6596NP

18. Patent Application/Serial No.: 10/886,004

Title: SYSTEM AND METHOD FOR
CONDUCTING FAST CONNECTION
ACCEPTANCE USING TNIC
GENERATED SOCKET LAYER
INTERCONNECTION DATA
STRUCTURES

Filed: 7/6/2004

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 015958/0388

Reference No: SUN041400-US-NP

19. Patent Application/Serial No.: 11/388,445

Title: PROBABILISTIC SYSTEM FOR
IDENTIFYING SOFTWARE
DEVELOPMENT REGRESSIONS

Filed: 3/24/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 017721/0796

Reference No: SUN060492-US-NP

20. Patent Application/Serial No.: 10/184,333

Title: VIRTUAL REGISTER SET EXPANING
PROCESSOR INTERNAL STORAGE

Filed: 6/28/2002

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013063/0547

Reference No: P7544-US-NP-0

21. Patent Application/Serial No.: 11/461,361

Title: VIRTUAL REGISTER SET
EXPANDING PROCESSOR INTERNAL
STORAGE

Filed: 7/31/2006

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 013063/0547

Reference No: P7544-US-CNT-1

22. Patent Application/Serial No.: 10/014,640

Title: MANDATORY LOCKING
MECHANISMS FOR UNIX FILE
SYSTEM

Filed: 10/25/2001

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 012383/0338

Reference No: SUNIP722

23. Patent Application/Serial No.: 60/285,482

Title: GRAPHICAL LIST GROUPING
WIDGET

Filed: 4/20/2001

Applicant: Sun Microsystems, Inc.

Reference No: P5885-US-PSP-0

24. Patent Application/Serial No.: 8/958,377

Title: METHOD, APPARATUS, SYSTEM
AND PROGRAM PRODUCT FOR
THIN-CLASSES IN A CLIENT-
SERVER ENVIRONMENT

Filed: 10/24/1997

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 9163/0921

Reference No: SUNIP352

25. Patent Application/Serial No.: 11/959,022
Title: CLUSTER SOFTWARE UPGRADES
Filed: 12/18/2007
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 020556/0051
Reference No: SUN070152
26. Patent Application/Serial No.: 12/038,705
Title: USE OF CPI POWER MANAGEMENT
IN COMPUTER SYSTEMS
Filed: 2/27/2008
Applicant: Sun Microsystems, Inc.
Reference No: SUN070024
27. Patent Application/Serial No.: 10/789,523
Title: RETRIEVING EVENTS FROM A
QUEUE
Filed: 2/26/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015039/0034
Reference No: SUN040374

28. **Patent Application/Serial No.:** 10/052,784
Title: METHODS AND APPARATUS FOR DETERMINING SOFTWARE COMPONENT SIZES ASSOCIATED WITH ERRORS
Filed: 11/2/2001
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 012521/0248
Reference No: P5575-US-NP-0
29. **Patent Application/Serial No.:** 10/850,676
Title: METHOD AND APPARATUS FOR PERFORMING ADDRESS TRANSLATION IN A COMPUTER SYSTEM
Filed: 5/20/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015382/0204
Reference No: P8354-US-NP
30. **Patent Application/Serial No.:** 60/245,406
Title: SMB MANDATORY LOCKING SUPPORT UNDER UNIX
Filed: 11/1/2000
Applicant: Sun Microsystems, Inc.
Reference No: SUN1P722P/P5658PSP

31. Patent Application/Serial No.: 10/788,790
Title: QUEUE ALERTS
Filed: 2/26/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015031/0011
Reference No: SUN040373-US-NP
32. Patent Application/Serial No.: 10/938,856
Title: METHOD AND APPARATUS FOR REPRESENTING APPLICATION DEPENDENCIES
Filed: 9/9/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 016111/0904
Reference No: SUN040675-US-NP
33. Patent Application/Serial No.: 10/741,101
Title: AUTOMATED TESTING OF CLUSTER DATA SERVICES
Filed: 12/19/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014826/0146
Reference No: P8660-US-NP
34. Patent Application/Serial No.: 10/826,243
Title: ERROR ANALYSIS AND DIAGNOSIS FOR GENERIC FUNCTION CALLS
Filed: 4/15/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015230/0140
Reference No: P9428-US-NP

35. **Patent Application/Serial No.:** 08/863,035
Title: METHOD AND APPARATUS FOR
SENDING SECURE
DATA CRAMULCASTS
Filed: 5/23/1997
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 009310/0901
Reference No: P0699-US-CIP-2
36. **Patent Application/Serial No.:** 08/846,973
Title: METHOD AND APPARATUS FOR
ACHIEVING PERFECT FORWARD
SECURITY IN CLOSED USER GROUP
Filed: 4/30/1997
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 007393/0323
Reference No: P0699-US-CIP-1
37. **Patent Application/Serial No.:** 10/789,523
Title: RETRIEVING EVENTS FROM A
QUEUE
Filed: 2/26/2004
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 015039/0034
Reference No: SUN040374
38. **Patent Application/Serial No.:** 10/742,418
Title: FRAMEWORK FOR HIGH
AVAILABILITY CLUSTERED
SYSTEM AUTOMATED TESTS
Filed: 12/19/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014862/0202
Reference No: P8663

39. Patent Application/Serial No.: 09/921,544
Title: GRAPHICAL LIST GROUPING
WIDGET AND METHODS OF USE
THEREOF
Filed: 8/2/2001
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 012061/0147
Reference No: P5885-US-NP-0
40. Patent Application/Serial No.: 11/080,953
Title: GRAPHICAL LIST GROUPING
WIDGET AND METHODS OF USE
THEREOF
Filed: 3/14/2005
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 019830/0105
Reference No: P5885-US-CNT-1
41. Patent Application/Serial No.: 10/352,495
Title: SIDEBAND SCOUT THREAD
PROCESSOR
Filed: 1/28/2003
Applicant: Sun Microsystems, Inc.
Reel/Frame No.: 014244/0547
Reference No: P7522

42. Patent Application/Serial No.: 10/698,168

Title: METHODS AND APPARATUS FOR
COORDINATING PROCESSING OF
NETWORK CONNECTIONS
BETWEEN A SOFTWARE NETWORK
PROTOCOL STACK AND A
NETWORK INTERFACE CARD

Filed: 10/31/2003

Applicant: Sun Microsystems, Inc.

Reel/Frame No.: 014659/0233

Reference No: SUN040313